

13000 GeV pp

 $t\bar{t}$ Boosted $l+jets$

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.315 default
- - ◆ Sherpa 1.3.1 default

 $\frac{d^2\sigma}{dN^{t\bar{t}} dN^{extra\ jet}} \frac{dN^{t\bar{t}}}{d\sqrt{s}}$ [pb/GeV]Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

 $m^{t\bar{t}}$ [GeV], $N^{extra\ jet} = 0$ 